

**To:** Harader, Sam@DeltaCouncil[sam.harader@deltacouncil.ca.gov]  
**Cc:** Bartolomeo, Eleanor@Waterboards[Eleanor.Bartolomeo@waterboards.ca.gov]; Cantrell, Scott@Wildlife[Scott.Cantrell@wildlife.ca.gov]; Guy, David@norcalwater.org[dguy@norcalwater.org]; dsereno@ccwater.com[dsereno@ccwater.com]; Foresman, Erin[Foresman.Erin@epa.gov]; bobker@bay.org[bobker@bay.org]; Harader, Sam@DeltaCouncil[sam.harader@deltacouncil.ca.gov]; jon.tbi@gmail.com[jon.tbi@gmail.com]; dornl@sacsewer.com[dornl@sacsewer.com]; lsmith@mwdh2o.com[lsmith@mwdh2o.com]; Mussen, Tim@sacsewer.com[mussent@sacsewer.com]; Nader-Tehrani, Parviz@DWR[Parviz.Nader-Tehrani@water.ca.gov]; Riddle, Diane@Waterboards[Diane.Riddle@waterboards.ca.gov]; Roddam, Meiling@DeltaCouncil[Meiling.Roddam@deltacouncil.ca.gov]; Fujii, Roger[rfujii@usgs.gov]; Satkowski, Rich@Waterboards[Rich.Satkowski@waterboards.ca.gov]; Azimi-Gaylon, Shakoora@SSJDC[Shakoora.Azimi-Gaylon@deltaconservancy.ca.gov]; Fong, S@SFCWA[sfong@sfcwa.org]; Vendlinski, Tim[vendlinski.tim@epa.gov]; tmanley@norcalwater.org[tmanley@norcalwater.org]; Holland, Matthew@Waterboards[Matthew.Holland@waterboards.ca.gov]  
**From:** Ballard, Adam@Wildlife  
**Sent:** Sat 3/8/2014 1:38:32 AM  
**Subject:** RE: Interior Delta Flows and related Stressors Workshop Planning Group Meeting  
DRAFT Interior Delta Flows and Related Stressors Bibliography ab 03052014.docx  
Interior Delta Flows Critical Questions ab 03052014.docx  
Copy of SWRCB 2012 workshop video spreadsheet 2014-3-4 ab 03062014.xls

Hi Sam-

Please find attached copies of the draft questions, bibliography and video spreadsheet with suggestions incorporated in track changes for your consideration.

Thank you,

Adam

Adam Ballard

Water Branch, Ecosystem Restoration Program

California Department of Fish and Wildlife

830 S Street

Sacramento, CA 95811

916-445-0075

adam.ballard@wildlife.ca.gov

[www.wildlife.ca.gov](http://www.wildlife.ca.gov)

**From:** Holland, Matthew@Waterboards  
**Sent:** Thursday, March 06, 2014 9:36 AM  
**To:** Harader, Sam@DeltaCouncil  
**Cc:** Ballard, Adam@Wildlife; Bartolomeo, Eleanor@Waterboards; Cantrell, Scott@Wildlife; Guy, David@norcalwater.org; dsereno@ccwater.com; Foresman, Erin@epa; bobker@bay.org; Harader, Sam@DeltaCouncil; jon.tbi@gmail.com; dornl@sacsewer.com; lsmith@mwdh2o.com; Holland, Matthew@Waterboards; Mussen, Tim@sacsewer.com; Nader-Tehrani, Parviz@DWR; Riddle, Diane@Waterboards; Roddam, Meiling@DeltaCouncil; Fujii, Roger; Satkowski, Rich@Waterboards; Azimi-Gaylon, Shakoora@SSJDC; Fong, S@SFCWA; vendlinski.tim@epa.gov; tmanley@norcalwater.org  
**Subject:** RE: Interior Delta Flows and related Stressors Workshop Planning Group Meeting

Dear Colleagues,

My email address was entered incorrectly in the original message for this thread. It would help if you reply-all to this message when you provide your feedback to the group.

Best,

Matt

**From:** Harader, Sam@DeltaCouncil [<mailto:sam.harader@deltacouncil.ca.gov>]  
**Sent:** Thursday, March 06, 2014 7:47 AM  
**To:** Holland, Matthew@Waterboards  
**Subject:** FW: Interior Delta Flows and related Stressors Workshop Planning Group Meeting

Matt,

Jon had your email wrong and I proliferated the error. -Sam

Jon,

My thinking exactly. We do not need to revisit the issues of food web effects on western Delta productivity. We should cover the issues of retention time and productivity loss due to

entrainment. -Sam

**From:** Jon Rosenfield, Ph.D. [<mailto:jon.tbi@gmail.com>]

**Sent:** Wednesday, March 05, 2014 4:26 PM

**To:** Roddam, Meiling@DeltaCouncil

**Cc:** Bartolomeo, Eleanor@Waterboards; Ballard, Adam@Wildlife; Cantrell, Scott@Wildlife; Guy, David@norcalwater.org; dsereno@ccwater.com; Foresman, Erin@epa; bobker@bay.org; dornl@sacsewer.com; Mussen, Tim@sacsewer.com; Nader-Tehrani, Parviz@DWR; Riddle, Diane@Waterboards; Fujii, Roger; Satkowski, Rich@Waterboards; Azimi-Gaylon, Shakoora@SSJDC; vendlinski.tim@epa.gov; tmanley@norcalwater.org; lsmith@mw2o.com; Harader, Sam@DeltaCouncil; mattew.holland@waterboards.ca.gov

**Subject:** Re: Interior Delta Flows and related Stressors Workshop Planning Group Meeting

Hi

Attached are our suggested amendments and modifications to the panel charge language, reading list, and folks who ought to be invited to present during the Interior Delta Flows workshop.

Also, there was a discussion yesterday re: whether "food web" issues ought to be (or already are) part of these workshops. My understanding from the charges given to this science panel and the previous one suggest an important distinction: whereas the last panel heard extensive testimony re: things that impact the productivity of the pelagic food web in the area west of the Delta (i.e. having to do with Delta outflow), this panel will be focussed on factors that affect food web production in the Delta *that are not redundant of topics covered in the outflow workshop*. For this panel, viable discussions of food web productivity would include: physical entrainment of primary or secondary productivity and the effect of hydrodynamics (e.g. via retention time) on productivity. Nutrient, contaminant, invasive clams, and volume/timing of flow would not be on the table for this workshop, not because they are not important, but because the material was covered before the last panel.

Does this distinction make sense? if so, then the attached reading list, panel charge recommendations, and invite list is what we would recommend. If that distinction doesn't represent the intent of this workshop, then we'd want to revise our suggestions to include other topics not included here (e.g. dissolved oxygen levels in the south delta).

Please let us know the intent of the panel's charge around the point of productivity (primary and

secondary).

Thanks,

JR

On Mon, Mar 3, 2014 at 4:00 PM, Roddam, Meiling@DeltaCouncil  
<[Meiling.Roddam@deltacouncil.ca.gov](mailto:Meiling.Roddam@deltacouncil.ca.gov)> wrote:

Hello all,  
Attached are the materials (agenda, critical questions, and panel list) for tomorrows Interior  
Flows Workshop Planning meeting.  
Thanks,

Meiling Roddam  
CA Sea Grant State Fellow  
Delta Science Program  
Delta Stewardship Council  
(916)445-0782

--

Jon Rosenfield, Ph.D.  
Interim Director, Rivers and Delta Program  
& Conservation Biologist  
The Bay Institute  
510 684 4757

--"Unless ...."

Help me protect San Francisco Bay and its watershed: <http://www.crowdrise.com/Jonrosenfield>